

1996
MACOMB COUNTY REMONUMENTATION
PROGRAM FOR BRUCE TOWNSHIP

Research Dossier for L-13

Prepared by:
Kennedy Surveying, Inc.
105 N. Washington St.
Oxford, Michigan 48371

LAND CORNER RECORDATION CERTIFICATE
Filing Requirement of Act 74, Mich. P.A. 1970

For corners in

Macomb

(County)

Located In Bruce Twp Corner Code #

- | | | | |
|------------------------------------|-------------------|---------------|-------------|
| 1. Public Land Survey | T <u>5</u> N | R <u>12</u> E | <u>L-13</u> |
| | T ___ R ___ | | _____ |
| | T ___ R ___ | | _____ |
| | T ___ R ___ | | _____ |
| 2. Property Controlling in Section | S ___ T ___ R ___ | | _____ |
| | S ___ T ___ R ___ | | _____ |
| 3. Miscellaneous Property in Sec. | S ___ T ___ R ___ | | _____ |
| | S ___ T ___ R ___ | | _____ |

Register of Deeds Stamp & File Number

4. Lot No. _____, Recorded Plat _____
5. Private Claims _____

I, Huston K. Kennedy, in a field survey on 8-20, 1996 do hereby state that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above were in conformance with regulations and rules therefore as required in the current manual of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of a Court of Law and/or that the corner points mentioned in lines 3, 4 and 5 above were in conformance with the rules of the Michigan Board of Land Surveyors or by a Decree of a Court of Law; established, re-established, monumented, recovered, found as expressed below:

NOTE: Not more than 2 corners, all in the same town and range, may be recorded on this certificate.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2		6		5		4		3		2		1	
3													
4		7		8		9		10		11		12	
5													
6		10		17		16		15		14		13	
7													
8		19		20		21		22		23		24	
9													
10		30		29		28		27		26		25	
11													
12		31		32		33		34		35		36	
13													

A. Description of original monument and accessories and/or subsequent restoration:

- 1817-GLO Wampler, D.S.; Set Post 10" Sugar Tree N06°E 12 Links; 10" Sugar Tree S37°W 14 Links
1.) 1966-Charles E. Wilson, PS #5238; Unrecorded Survey
2.) 1979-Robert I. Kreger, PS #24601; Unrecorded Survey

C0458174 LIBER:07298 PAGE:198 10:47A 01/02/1997
CARMELLA SABAUGH-MACOMB COUNTY, MI REG/DEEDS

B. Description of corner evidence found and/or method applied in restoring or reestablishing corner: (OVER)

FIELD MEASUREMENTS BETWEEN

- L-3 to K-13 GLO = 40 chains or 2640.00 Ft., 2515.40 Ft. (GPS-MEA)
L-13 to M-13 GLO = 40 chains or 2640.00 Ft., 2790.88 Ft. (GPS-MEA)

ACCEPTED BY THE MACOMB COUNTY SURVEY PEER GROUP AS THE OFFICIAL CORNER UNDER MICHIGAN PUBLIC ACT 345 OF 1990 AT A MEETING HELD ON 8-20-96
William E. Soderberg
WILLIAM E. SODERBERG, P.S., CHAIRMAN

C. Description of monument for corner and accessories established to perpetuate locating the position of the corner:

- L-13 I set a 3/4" x 24" Iron Rod w/2" diameter aluminum cap stamped "Macomb County Monument MI Act 345" #17623 in a new Monument Box
S66°W 95.58' Set PK & Remon Washer North face Power Pole
S58°E 71.67' Set PK & Remon Washer NE face Power Pole
N75°W 138.86' Set PK & Remon Washer NE face Power Pole
N75°E 119.35' Set PK & Remon Washer NW face Power Pole

The selected location is accepted by me and is generally accepted by Professional Surveyors as the best available evidence of the position of the original corner.

Signed by [Signature]
Surveyor's Michigan License No. 17623

Date 12-10-96



583

29

1996 Kennedy Surveying, Inc. - Kennedy, PS #17623 - Researching the Macomb County Records for Land Corner Recordation Certificates and Certificates of Surveys for this corner shows that nothing has been recorded for this corner. After extensive researching and conversation with other surveyors whom have worked in this area, I was unable to obtain any unrecorded surveys in which this corner has been recovered and used with the following exceptions:

- 1.) A survey was done on April 18, 1966 by Charles E. Wilson, Register Surveyor No. 5238, he is register in the State of Ohio, who recovered the corner on a straight line between the Southeast and the Southwest corner of Section 26. The corner as recovered is located 320 feet North of the existing centerline of 32 Mile Road. The Macomb County Planning Commission 1966 aerial photography does not depict any visible lines of occupation between the Southeast corner and the Southwest corner of Section 36. Also there is no line of occupation extending to the North 200 feet East & West of the recovered position of this corner. The position for this corner was not accepted. (over)
- 2.) A survey done by Robert I. Kreger, RLS #24601 dated December 17, 1979 depicts the corner on the drawing but states "did not located in field". The Macomb County Atlas that was published in 1875 & 1916 for Bruce and Washington Townships, shows a large deflection at the South 1/4 corner of Section 36, Bruce Township and North 1/4 corner of Section 1, Washington Township.

Extensive research was done with the descriptions of the adjacent parcels, but they did not provide any additional information regarding the position of this corner.

In leu of any other additional information that could affect the position of this corner, I recommend to the Macomb County Peer Group that they accept the position of this corner as common corner with North 1/4 corner of Section, T4N, R12E, Washington Township (L-1).

C0458174 LIBER:07298 PAGE:199 10:47A 01/02/1997
CARMELLA SABAUGH-MACOMB COUNTY, MI REG/DEEDS

Sources of Information
For Macomb County 1996 Remonumentation Program
FOR BRUCE TOWNSHIP

- 1.) GLO Notes
- 2.) Act 74 Recorded LCRC
- 3.) Act 132 Recorded Surveys
- 4.) Personal History and Records
- 5.) Letters to the Following Requesting Unrecorded
LCRCs and Surveys
 - a.) Anderson, Eckstein & Westrick
 - b.) Detroit Edison
 - c.) King & Associates
 - d.) AES Engineers & Surveyors, Inc.
 - e.) Metco Land Sea Corp.
 - f.) Raymond Donnelly & Associates
 - g.) Buckerfield Engineering
 - h.) Metco-Dunn, Inc.
 - i.) Road Commission for Macomb County
 - j.) Macomb County Public Works
 - k.) George Jerome & Company
 - l.) Delta Surveying
 - m.) Kem-Tec Surveying
 - n.) Mickalich & Associates
 - o.) Lehner Associates, Inc.
 - p.) Spalding, DeDecker & Associates
 - q.) M.C.S. Associates, Inc.
 - r.) Urban Land Consultants
 - s.) Fenn & Associates Surveying, Inc.

GLO NOTES

Researching the government survey records for Macomb County shows that the post was set at the South 1/4 corner of Section 36 in 1817 by Joseph Wampler, D.S.

WITNESSES: (Based upon Government Survey Records)

10" Sugar Tree	N06°E	12 Links
10" Sugar Tree	S37°W	14 Links

EXISTING CONDITIONS

The original government post has been obliterated and the witness trees have been destroyed. The corner has not been perpetuated. There has been some controversy about the location of this corner.

LCRC AND RECORDED SURVEYS

Researching the Macomb County Records for Land Corner Recordation Certificates and Certificates of Surveys for this corner shows that nothing has been recorded for this corner. After extensive researching and conversation with other surveyors whom have worked in this area, I was unable to obtain any unrecorded surveys in which this corner has been recovered and used with the following exceptions:

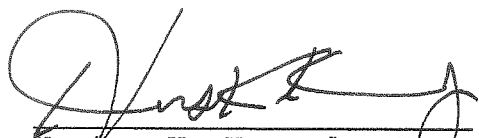
- 1.) A survey was done on April 18, 1966 by Charles E. Wilson, Register Surveyor No. 5238, he is register in the State of Ohio, who recovered the corner on a straight line between the Southeast and the Southwest corner of Section 26. The corner as recovered is located 320 feet North of the existing center-line of 32 Mile Road. The Macomb County Planning Commission 1966 aerial photography does not depict any visible lines of occupation between the Southeast corner and the Southwest corner of Section 36. Also there is no line of occupation extending to the North 200 feet East & West of the recovered position of this corner. The position for this corner was not accepted.
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FIELD MEASUREMENTS BETWEEN

L-3 to K-13 GLO = 40 chains or 2640.00 Ft. , 2515.40 Ft. (GPS-MEA)
L-13 to M-13 GLO = 40 chains or 2640.00 Ft., 2790.88 Ft. (GPS-MEA)

In leu of any other additional information that could affect the position of this corner, I recommend to the Macomb County Peer Group that they accept the position of this corner as common corner with North 1/4 corner of Section, T4N, R12E, Washington Township (L-1).


Huston K. Kennedy, PS
Kennedy Surveying, Inc.

Town 5 North Range 12 East.

Town Line
South Boundary

West On S. 13.4. S 36 (T 5 N R 12 E)
 From front cor S 44.5 N 23 12+13 E
 on Burwood & Indian
 4.50 Stream 48 lbs S.E.
 29.10 maple 12 in dia.
 40.00 Set 12 m. front from which
 a Spruce tree 10 N 6 E 12
 Do - 10 S 37 W 14
 74.50 W.O. 15 in dia.
 80.00 Set front cor Secs 35 + 36 from which
 a Beech 18 N 7 E 54
 Do 18 S 18 W 32
 Low wet Land T Oak maple Beech
 U. g. some

West On S. 13.4. S 35 (T 5 N R 12 E)
 32.66 Elm 16 in dia.
 40.00 1/4 S. Cor W.O. 24 N 21 E 11
 Elm 24 S 53 W 7
 66.77 Path S.E. + N.W.
 80.00 Set front cor S 34 + 35 T 5 N R 12 E
 W.O. 18 N 73 W 112
 W.O. 8 S 13 W 126
 Poor Land badly timbered.

West On S. 13.4. S. 34 (T 5 N R 12 E)
 34.25 W.O. 12 in dia.
 40.00 Set 12 m. front from which
 a B.O. 18 N 34 E 91
 B.O. 18 S 21 W 75
 80.00 Set front cor Secs 33 + 34 from
 which W.O. 12 N 7 W 60
 No other tree near

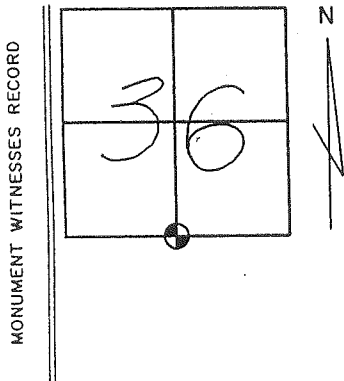
MACOMB COUNTY ROAD COMMISSION

SURVEY CHIEF

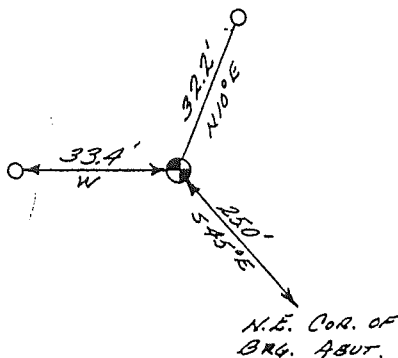
DATE

1934

T. 5 N. R. 12 E. BRUCE SEC. NO. 36 FILE NO. 158



DESCRIPTION POINTED STONE

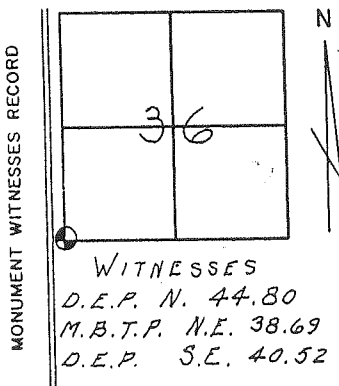


MACOMB COUNTY ROAD COMMISSION

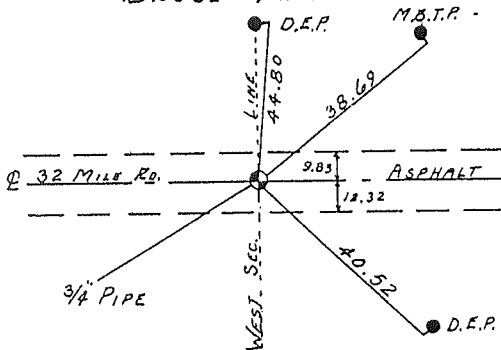
SURVEY CHIEF

DATE

T. 5 N. R. 12 E. Bruce SEC. NO. 36 FILE NO. 159



DESCRIPTION 3/4" PIPE S.W. COR. SEC. 36 BRUCE TWP.



WITNESSES
 D.E.P. N. 44.80
 M.B.T.P. N.E. 38.69
 D.E.P. S.E. 40.52

MACOMB COUNTY ROAD COMMISSION

G. Ciemochowski

OCT. 60

SURVEY CHIEF

DATE

Road File No. 161

File Point No.	Date Filed	19
Assessment District No.	Station No.	
Township BRUCE	Section Corner	COR. CORN TO
Type of Surface	Width	S.W. 35
Description of Monument		S.E. 34
Monument in Relation to Center Line of Pavement		

WITNESSES:

1. D.E. Pole - 5/4 - 25.2'
2. 10" Maple - N. 50° E - 27.2'
3. D.E. Pole - N 45° E - 39.8'
4. 8" Catalpha - S 45° W - 53.2'

FACSIMILE TRANSMISSION

LEHNER ASSOCIATES, INC
22900 WELLINGTON CRESCENT
CLINTON TWP., MICHIGAN 48036
BUSINESS PHONE 810-463-4594
FAX 810-463-0672

TO: HUSTON KENNEDY

DATE 4/15/96

ATTN:

FAX NO: 810-628-7191

FROM: ROBERT L. SMITH

HARD COPY TO FOLLOW
IN MAIL

REGARDING: SURVEYS IN SEC 1, WASGINTON

SEC 36, BRUCE

SPECIAL INSTRUCTIONS I AM SENDING COPIES OF SURVEY NOTES OF PARTIAL
SURVEY THAT ROGER STECKER DID IN 1991 RE: FENCING OF ROMEO GOLF COURSE,
SEC. 1, WASH. HE WITNESSED A POINT IN 32 MILE THAT MAY BE CONSTRUED AT THE
N 1/4 OF SEC 1. I AM ALSO SENDING COPIES OF A SURVEY OF THE FORD MOTOR PROP.
DONE IN 1966 BY CHARLES E. WILSON WHO EVIDENTLY WAS LICENSED IN OHIO. I
HAVE A 24" X 36" PRINT OF THIS SURVEY IF YOU NEED A COPY.

PLEASE FIND 6 NUMBER OF PAGES INCLUDING THIS ONE.

IF YOU DO NOT RECEIVE THIS TRANSMISSION IN ITS ENTIRETY, PLEASE CONTACT
LEHNER ASSOCIATES, INC. AT 810-463-4594 AND ASK FOR THE PERSON WHO SENT THIS
TRANSMISSION TO YOU.

THANK YOU

"EFFICIENCY IS THE SHORTEST
DISTANCE BETWEEN TWO TASKS"

C.C. CHRON

Bill
V
ER ND 9/25

4-12-81
KUBS AM STOKS

91-76

RAY KUBS AM STOKS
STATIONERY

10-19 SW 100'

10-26 SE

10-31 N 100'

ALL OR SEC. 1?

12-65 SW 100' IN U.S. 05

10-20 NW OR FROM 100'

10-22 SE 100' IN U.S. 05

10-24 SW 100'

10-25 SE

10-26 NW 15' ELDER

10-28 SW 100'

10-25 SE 100'

10-29 SIDE 100' IN SIGN

12-65

1-5

FRANK J. DeDECKER, PE, PS • 6141 ARDEN • WARREN, MI 48092
Phone (810)-264-2319 • Fax (810)-264-5692

FACSIMILE TRANSMISSION SHEET

Date: 7-25-96 Re: MACOMB COUNTY PEER GROUP

To: W. SODERBERG

Firm Name: MACOMB COUNTY SURVEYOR/REPRESENTATIVE

Fax Number: See Below Phone Number: _____

From: Frank Total Number of Pages: 3
(Including this Page)

Comments: COPIES (FAX OR MAIL) TO:

	FAX. NO.
SODERBERG	810-726-8780 & 469-5130
DUNN	755-5774
FENN	254-9020
KENNEDY	810-628-7191
BARNES	(?)

MACOMB COUNTY REMONUMENTATION PROGRAM
WILLIAM E. SODERBERG P.S
MACOMB COUNTY SURVEYOR - REPRESENTATIVE
10 NORTH MAIN
COUNTY BUILDING SECOND FLOOR
MOUNT CLEMENS, MICHIGAN 48043
PHONE 810-469-7916 FAX 810-469-5130

MEMO
96-18

August 26, 1996

To: Peer Review Group Members: John Barnes, Frank DeDecker,
Martin Dunn, John Fenn and Huston Kennedy.

Reference: Corner L-1 Washington and L-13 Bruce.

Enclosed is correspondence received from Proudfoot Associates. They also included a copy of the survey. I called Huston Kennedy and inquired as to possibility of a bridge to the Southeast of this point. There is no indication of a bridge on the 1960's photos that Huston has, therefore we are inclined to ignore the witness information. Please add this to your file for this corner location.

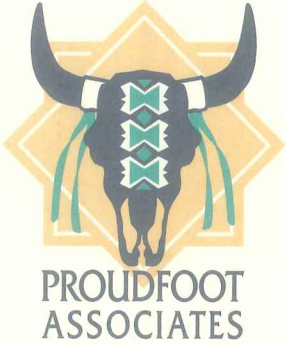
If you have any questions I am in the REMONUMENTATION office on Tuesday and Thursday from 9 to 11 a.m.

Sincerely;



William E. Soderberg PS
Macomb REMONUMENTATION/Representative

cc: Colette Dywasuk, REMONUMENTATION Administrator



August 14, 1996

Macomb County Remonumentation Program
10 North Main
County Building Second Floor
Mount Clemens, Michigan 48043

Attention: Mr. William E. Soderberg, P.S.

**Re: South Quarter Corner, Section 36, T5N; R12E, Bruge
Township, Macomb County, Michigan**

Dear Mr. Soderberg,

After thorough research concerning this subject, please find the enclosed copies of a boundary drawing of the encompassing project and a reference for the section corner in question. This project was done to engineer future development on the site thirty years ago, so I don't believe that any of the references will be intact.

I'm sorry that we couldn't be of more help to you. If you have any further questions, please don't hesitate to call.

Sincerely,

PROUDFOOT ASSOCIATES

Randall L. Hott / RLH

Randall L. Hott, PS

RLH:bg

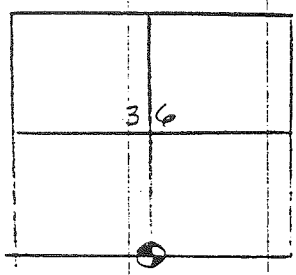
ENGINEERS
SURVEYORS
PLANNERS



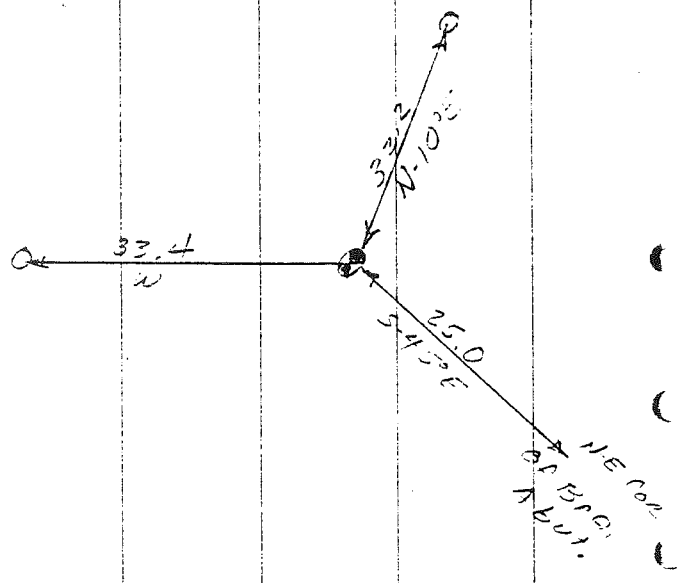
5360 HEATHERDOWNS
BOULEVARD
TOLEDO, OHIO 43614
419-865-7195
1-800-524-2877
FAX: 419-865-8009

(157)

T-5N R12E



Pointed Stone





Carmella Sabaugh
Macomb County Register of Deeds

10 North Main Street ♦ Mt. Clemens, MI 48043 ♦ Phone: (810) 469-7953 ♦ Fax: (810) 469-5130

MACOMB COUNTY REMONUMENTATION PROGRAM
WILLIAM E. SODERBERG P.S
MACOMB COUNTY SURVEYOR - REPRESENTATIVE
PHONE 810-469-7916 FAX 810-469-5130

August 26, 1996

Proudfoot Associates
5360 Heathdowns Boulevard
Toledo, Ohio 43614

Attention: Randall L. Hott, PS

Reference: South Quarter Corner Section 36, T.5N.,R.12E.,
Bruce Township, Macomb County, Michigan.

I wish to express thanks for the timely review of your files in this matter. Corner Remonumentation in Michigan is very important.

If you have any questions I am in the Remonumentation office on every Tuesday and Thursday from 9:00 a.m. to 11:00 a.m.

Sincerely;

A handwritten signature in cursive script, reading "William E. Soderberg". The signature is written in dark ink and is positioned above the typed name.

William E. Soderberg PS

Charles E Wilson
3137 Keenmont Dr.
Toledo, Ohio 43613
Phone 419-472-3047

Aug. 2-1996

William E. Soderberg, P.S.
County Bldg, Second Floor
Mount Clemens, Mich. 48043

In Reference to: The S-1/4 cor. of sec.
36, T-5-N, R-12-E, Bruce Twp., Macomb
County, Mich.

Dear MR. Soderberg:

I Received your letter yesterday
requesting information we used for
the survey we did for Ford Motor
Co. I am sorry but I turned all
the field notes over to the office
of P.W. McDonnell & Assocs. where
I was working.

MR. McDonnell Died in June of
1966. The Company was then sold to
Paul Proudfoot. I continued to work
there till Sept. of 1973.

The Company is now called
Proudfoot & Assocs. The Address
is,

Proudfoot & Assocs.
5360 Heatherdowns
Toledo, Ohio 43614
Phone 419-865-7195
" 800-524-2877
FAX 419-865-8009

Sincerely;

Charles E. Wilson

MACOMB COUNTY REMONUMENTATION PROGRAM
WILLIAM E. SODERBERG P.S
MACOMB COUNTY SURVEYOR - REPRESENTATIVE
10 NORTH MAIN
COUNTY BUILDING SECOND FLOOR
MOUNT CLEMENS, MICHIGAN 48043
PHONE 810-469-7916 FAX 810-469-5130

MEMO
96-17

July 30, 1996

Charles E. Wilson P.S.
3137 Keemont Street
Toledo, Ohio 43613

Reference: South Quarter corner Section 36, T5N, R12E, Bruce
Township, Macomb County, Michigan.

Dear Mr. Wilson;

I am William Soderberg, Macomb County Remonumentation Surveyor/Representative. We are in the process of monumenting the Section line common to Bruce Township, Section 36 and Washington Township, Section 1. Enclosed is a portion of a survey signed by you in 1969. We are requesting any information you might have along this line. We do have a full copy of this survey, but no field notes.

We would appreciate any information you may have as to these corners. This survey was performed for a Ford Motor Company in Section 36 of Bruce Township, Macomb County, Michigan.

If you have any questions I am in the REMONUMENTATION office on Tuesday and Thursday from 9 to 11 a.m.

Sincerely;



William E. Soderberg PS
Macomb REMONUMENTATION/Representative

cc: Huston Kennedy, Remonumentation Contractor

OFFICE OF LAND SURVEYING

EC 1A

JUL 25, 1966

13:35 No. 001 P. 01

C E R T I F I C A T E

Toledo, Ohio

WE HEREBY CERTIFY to all parties interested in title to premises surveyed April 18, 1969 that we surveyed the property described, during November, 1966, and we further certify that the information herewith set forth is true and correct and that the property bears no encroachments, unless otherwise noted.

BY: Charles E. Wilson

CHARLES E. WILSON
REGISTERED SURVEYOR No. 5238

3137 Kennedy
Toledo, Ohio 43615
419-472-3402

15

PORTER W. McDONNELL

ASSOCIATES
CONSULTING ENGINEERS
200 COLTON BLDG
TOLEDO OHIO

66-51

KENNEDY SURVEYING
TEL: 1-810-628-7191



CARMELLA SABAUGH

County Clerk and Register of Deeds

Register of Deeds Office Fax

10 N. Gratiot ◦ Mount Clemens, MI ◦ 48043

Office Phone # 469 - 7930

Fax # 469 - 5130

To: *SURVEY DEPARTMENT MANAGER*

From: *WILLIAM E. SODERBERG P.S.*

Number of pages including this one: *4*

MESSAGE: _____

*** ACTIVITY REPORT ***

TRANSMISSION OK

TX/RX NO.	4810
CONNECTION TEL	814198658009
CONNECTION ID	
START TIME	08/06 08:48
USAGE TIME	02'23
PAGES	4
RESULT	OK



Carmella Sabaugh
Macomb County Register of Deeds

10 North Main Street ♦ Mt. Clemens, MI 48043 ♦ Phone: (810) 469-7953 ♦ Fax: (810) 469-5130

MACOMB COUNTY REMONUMENTATION PROGRAM
WILLIAM E. SODERBERG P.S.
MACOMB COUNTY SURVEYOR/REPRESENTATIVE
10 NORTH MAIN
COUNTY BUILDING SECOND FLOOR
MOUNT CLEMENS, MICHIGAN 48043
PHONE 810-469-7916
FAX 810-469-5130

August 6, 1996

Proudfoot & Associates
5360 Heatherdowns
Toledo, Ohio 43614

Attention: Survey Department Manager;

Reference: South Quarter Corner Section 36, T.5N., R12E., Bruce Township, Macomb County, Michigan.

Macomb County is in the process of monumenting the above reference GLO corner. Mr Charles Wilson performed a survey in 1969 for the Ford Motor Company. He was with P. W. McDonnell when the work was performed. Attached find the certificate for this survey. A copy of Mr. Wilson letter is also attached.

There is nothing marking the corner at the present time. We are looking for copies of field notes depicting the position of this corner. We understand that your company has purchased the records for the P. W. McDonnell & Associates.

We would appreciate any help with the position of this corner. If you have any questions I am in the Remonumentation office on Tuesdays and Thursdays from 9:00 to 11:00 a.m. Outside of this time my beeper is 810-831-5987.

Sincerely;

A handwritten signature in cursive script, appearing to read "W. E. Soderberg", is written over the word "Sincerely;".

William E. Soderberg P.S.
cc: Huston Kennedy P.S., Remonumentation Contractor.

Frank J. DeDecker, PS, PE • 6141 Arden • Warren, MI 48092
Phone (810)-264-2319 • Fax (810)-264-5692

MEMORANDUM

7-24-96

TO: Peer-Review Members (Bill Soderberg, Chairman,
John Barnes, Martin Dunn, and John Fenn) and
Huston Kennedy

RE: Soderberg's Memo 96-16, regarding Corner L-1
Washington and L-13 Bruce (see enclosed
computation page) -- or why we should always have
a "checker" for our work

I apologize for some mis-information I gave you at Tuesday's Peer Group meeting. For one thing, I misunderstood Bill Soderberg's computations -- and his were correct as presented. By assuming the 2640' half-mile, Bill came up with 3.86 acres versus the description's 3.83 acres. Although Bill didn't show it, the proportional dimension for the left side of the parcel would be 526.43 feet.

Where I went awry was that I gave you the dimension for the left side of the parcel as 555.72. **BUT** that was actually the calculated **AVERAGE** depth of the parcel (i.e., the depth at its mid-point). As you can see from my enclosed computation page, the left-side dimension then becomes 517.44 feet. And, if the section-line, as calculated, is projected to 32 Mile Road (assuming the road is a straight line), it would intersect 32 Mile Road at a point 2329.9 feet west of Powell Road (much closer to the quarter-corner than to the section-corner).

Although I still believe that it is reasonable for the Section-line to be positioned north of the 32 Mile Road pavement for its entire length (as shown on the Ohio surveyor's drawing), I am concerned that my drawing (as presented at the meeting) may have clouded your judgement in coming to the same conclusion.

Regretfully,



Frank J. DeDecker, PS, PE

FRANK J. DeDECKER, PE, PS • 6141 ARDEN • WARREN, MI 48092
Phone (810)-264-2319 • Fax (810)-264-5692

FACSIMILE TRANSMISSION SHEET

Date: 7-25-96 Re: MACOMB COUNTY
PEER GROUP

To: W. SODERBERG

Firm Name: MACOMB COUNTY SURVEYOR/REPRESENTATIVE

Fax Number: See Below Phone Number: _____

From: Frank Total Number of Pages: 3/2
(Including this Page)

Comments: COPIES (FAX OR MAIL) TO:

	FAX. NO.
SODERBERG	810-726-8780 & 469-5130
DUNN	755-5774
FENN	254-9020
KENNEDY	810-628-7191
BARNES	(?)

FRANK J. DeDECKER, PE, PS • 6141 ARDEN • WARREN, MI 48092
Phone (810)-264-2319 • Fax (810)-264-5692

FACSIMILE TRANSMISSION SHEET

Date: 7-25-96 Re: MACOMB COUNTY
PEER GROUP

To: W. SODERBERG

Firm Name: MACOMB COUNTY SURVEYOR/REPRESENTATIVE

Fax Number: See Below Phone Number: _____

From: Frank

Total Number of Pages: 3/2
(Including this Page)

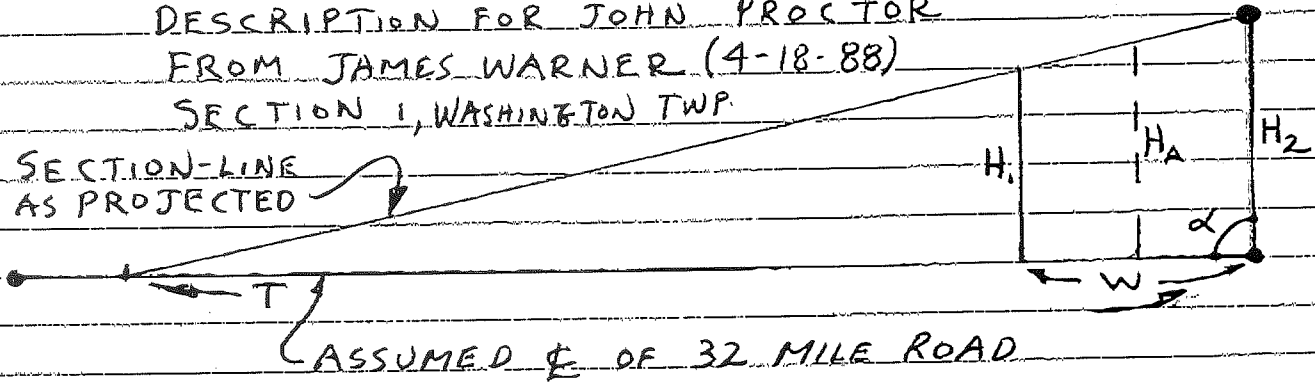
Comments: COPIES (FAX OR MAIL) TO:

	FAX. NO.
SODERBERG	810-726-8780 & 469-5130
DUNN	755-5774
FENN	254-9020
KENNEDY	810-628-7191
BARNES	(?)

JULY 24, 1976 (BY F. J. DeDECKER, PS, PE)

RE: MACOMB CO. REMONUMENTATION
 DESCRIPTION FOR JOHN PROCTOR
 FROM JAMES WARNER (4-18-88)
 SECTION 1, WASHINGTON TWP.

SECTION-LINE
 AS PROJECTED



ASSUMPTIONS:

- (1) 32 MILE ROAD IS A STRAIGHT LINE
- (2) ANGLE α IS 90°
- (3) TOTAL AREA OF PARCEL (INCLUDING $\frac{1}{2}$ ACRE EXCEPTION) IS $3\frac{5}{6}$ ACRES (3.83 ACRES);
- (4) AREA OF PARCEL = $H_A \times W$
 $H_2 = 9$ CHAINS (594'); $W = 4.55$ CHAINS (300.3')

$$\frac{H_A \times W}{10} \text{ (IN CHAINS)} = 3.83$$

$$H_A = \frac{38.3}{W} = \frac{38.3}{4.55} = 8.42 \text{ CHAINS (555.72')}$$

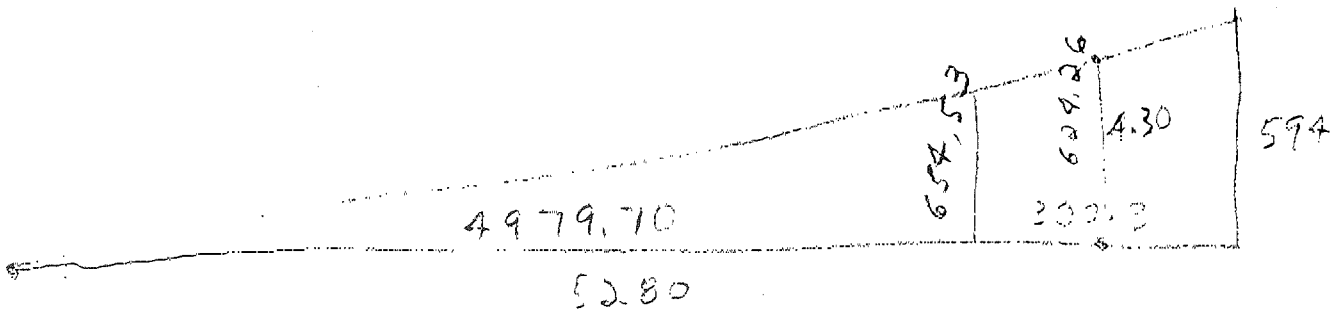
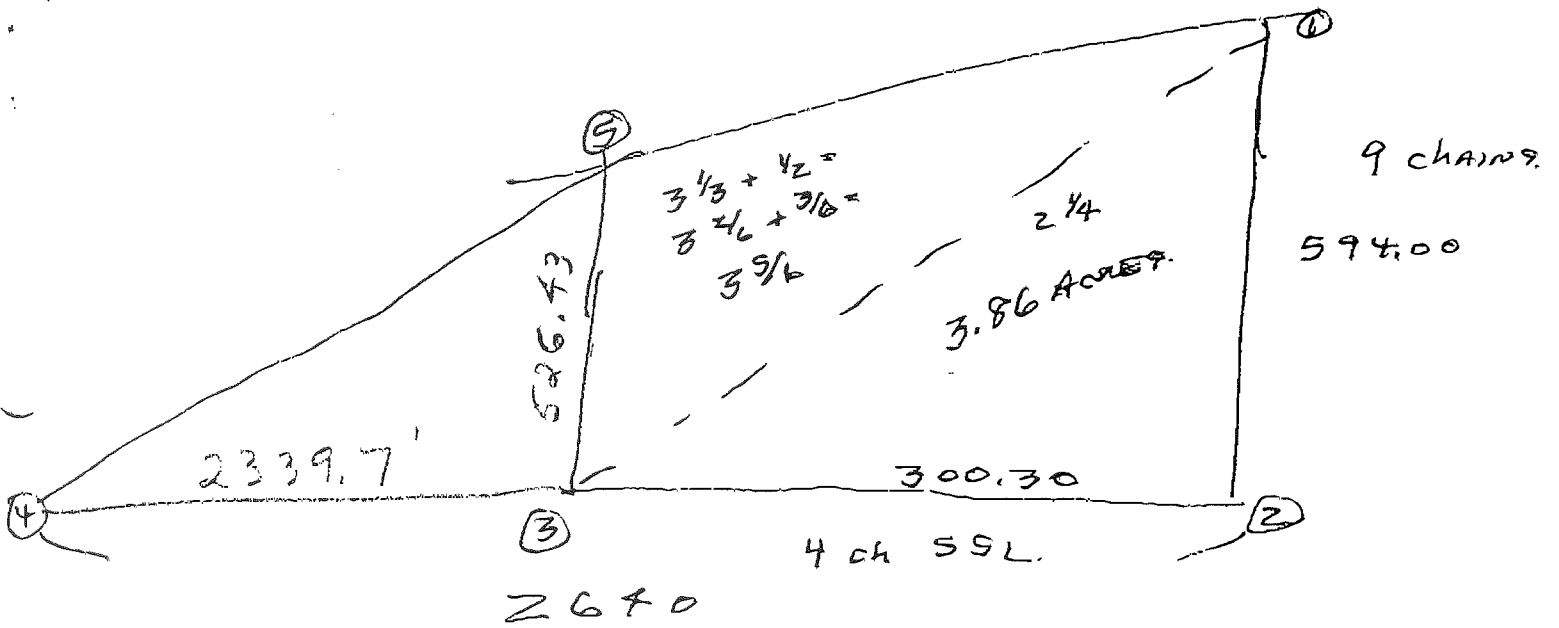
$$\text{LINE SLOPE} = \frac{H_2 - H_A}{150.15} = \frac{594 - 555.72}{150.15} = 0.254945 \frac{\text{FT}}{\text{FT}}$$

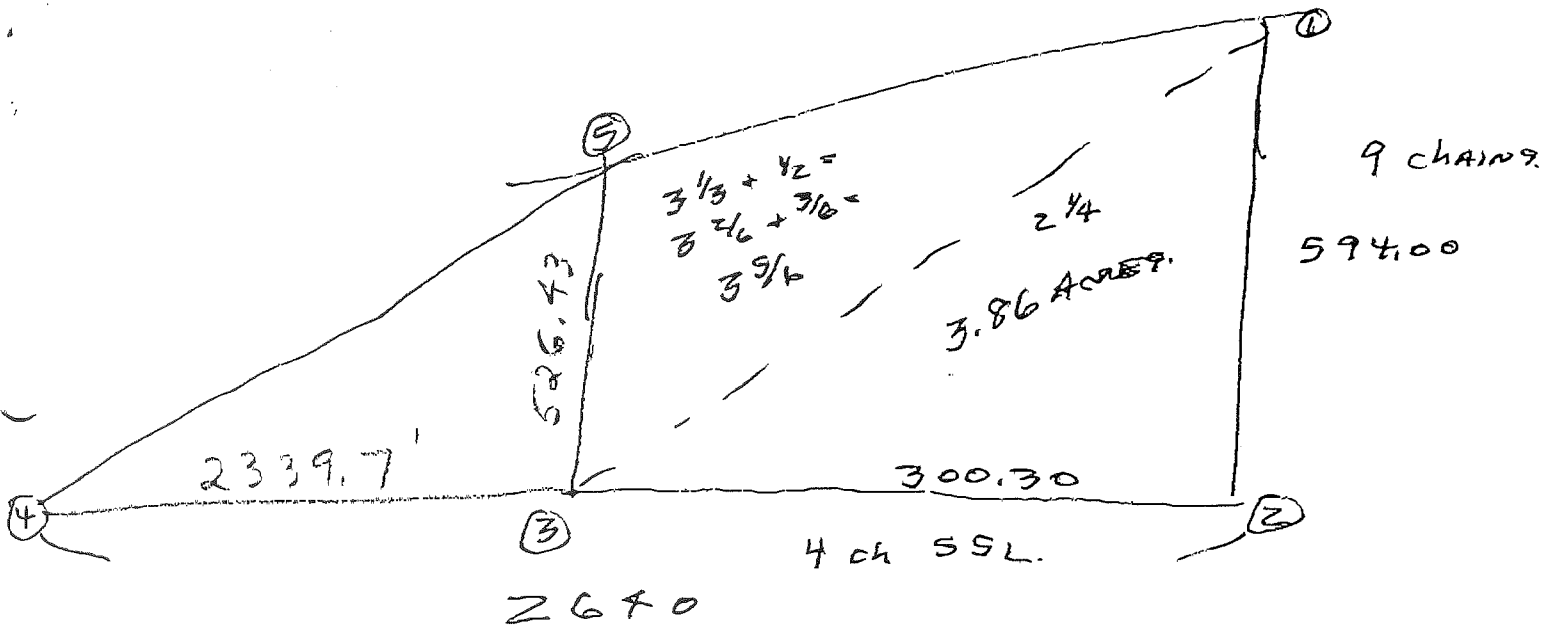
OR 1' IN 3.92241'

(2576.38) T = 3.92241 x 594 = 2329.9'

2424 scaled on photo

$$H_1 = H_2 - (0.254945 \times 300.3) = 594 - 76.56 = 517.44'$$





RESOLUTION

Minutes of a regular meeting of the Township Board of the Township of Bruce, Macomb County, Michigan, held in the Township Hall in said Township on April 11, 1983, at 7:30 o'clock P.M., Eastern Standard Time,

PRESENT: Members Gary C. Schocke, Karol Regius, W. Duane Evans,
Alfred Guimond

ABSENT: Members Mary Lou Witzke

The following preamble and resolution were offered by Member Evans and supported by Member Guimond.

WHEREAS, a question has arisen as to the common boundary between the Townships of Washington and Bruce, Macomb County, Michigan, concerning a parcel of land located in the northeast one-quarter of Section 1 of Washington Township and the southeast one-quarter of Section 36 in Bruce Township; and,

WHEREAS, the Township Boards of said Townships are desirous of establishing the common boundary of each with respect to said parcel.

BE IT RESOLVED BY THE TOWNSHIP BOARD OF THE TOWNSHIP OF BRUCE, MACOMB COUNTY, MICHIGAN:

1. That the following described common boundary between the Townships of Bruce and Washington, Macomb County, Michigan, located in the southeast one-quarter of Section 36 of Bruce Township and the northeast one-quarter of Section 1 of Washington Township, Macomb County, Michigan, is hereby described as:

Commencing at the northeast corner of Section 1, T.4N., R.12E., Washington Township, Macomb County, Michigan; thence s.77°15'30"W. 1371.85 feet to the point of beginning; thence continuing S.77°15'30"W. 478 feet to the point of ending.

2. That the aforesaid boundary has been established by time and recognized by predecessors in title and said Townships as being the common boundary for purposes of assessing and levying ad velorem property taxes and other governmental purposes.

3. That the Clerk of the Township of Bruce be and the same is hereby directed to record the within resolution with the Macomb County Register of Deeds forthwith.

AYES: Members Schocke, Regius, Evans and Guimond

NAYS: Members None
ABSENT: Members Mary Lou Witzke
RESOLUTION DECLARED ADOPTED

RECORDED IN MACOMB COUNTY
RECORDS AT: 11:00 A.M.
MAY 13 1983

Edna Miller
CLERK - REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN

Karol Regius
BRUCE TOWNSHIP CLERK
Karol Regius

RECEIVED

5

I hereby certify that the attached constitutes a true and complete copy of a resolution adopted by the Township Board of the Township of Bruce, County of Macomb, Michigan at a Regular Meeting held on April 11, 1983, and that public notice of said meeting was given pursuant to Act 267, Public Acts of Michigan, 1976, including in the case of a special or rescheduled meeting notice by publication or posting at least eighteen (18) hours prior to the time set for the meeting.

Karol Regius

KAROL REGIUS
Bruce Township Clerk

WHEN RECORDED RETURN TO:

BRUCE TOWNSHIP
223 East Gates
P.O. Box 98
Romeo, Michigan 48065

DRAFTED BY:

GARY S. ANTHONY
ANTHONY AND HEARSCH
59 North Walnut-305 Vicant Bldg.
Mount Clemens, Michigan 48043

RESOLUTION

A797089

Minutes of a regular meeting of the Township Board of the Township of Washington, Macomb County, Michigan, held in the Township Hall in said Township on April 6, 1983, at 7:30 o'clock P.M., Eastern Standard Time.

PRESENT: Members Supervisor Evely, Clerk Brainard, Treasurer Beller,
Trustees Berridge, Geismar and Riley

ABSENT: Members Trustee Verellen

The following preamble and resolution were offered by Member Brainard and supported by Member Beller.

WHEREAS, a question has arisen as to the common boundary between the Townships of Washington and Bruce, Macomb County, Michigan, concerning a parcel of land located in the northeast one-quarter of Section 1 of Washington Township and the southeast one-quarter of Section 36 in Bruce Township; and,

WHEREAS, the Township Boards of said Townships are desirous of establishing the common boundary of each with respect to said parcel.

BE IT RESOLVED BY THE TOWNSHIP BOARD OF THE TOWNSHIP OF WASHINGTON, MACOMB COUNTY, MICHIGAN:

1. That the following described common boundary between the Townships of Bruce and Washington, Macomb County, Michigan, located in the southeast one-quarter of Section 36 of Bruce Township and the northeast one-quarter of Section 1 of Washington Township, Macomb County, Michigan, is hereby described as:

Commencing at the northeast corner of Section 1, T.4N., R.12E., Washington Township, Macomb County, Michigan; thence s.77°15'30"W. 1371.85 feet to the point of beginning; thence continuing S.77°15'30"W. 478 feet to the point of ending.

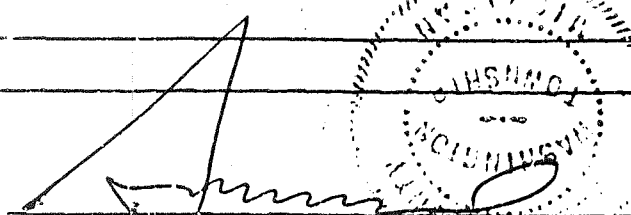
2. That the aforesaid boundary has been established by time and recognized by predecessors in title and said Townships as being the common boundary for purposes of assessing and levying ad velorem property taxes and other governmental purposes.

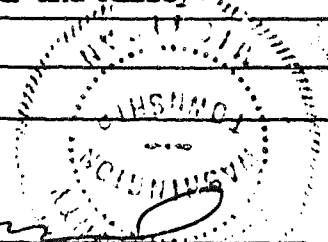
3. That the Clerk of the Township of Washington be and the same is hereby directed to record the within resolution with the Macomb County Register of Deeds forthwith.

AYES: Members Evely, Brainard, Beller, Berridge, Geismar and Riley

NAYS: Members None

RESOLUTION DECLARED ADOPTED.
RECORDED IN MACOMB COUNTY
RECORDS AT: 11:01 A.M.
MAY 13 1983


TOWNSHIP CLERK
R. J. BRAINARD

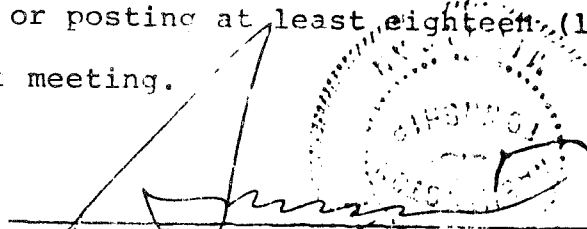




CLERK - REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN

51

CERTIFICATE OF CLERK

I hereby certify that the attached constitutes a true and complete copy of a resolution adopted by the Township Board of the Township of Washington, County of Macomb, State of Michigan at a Regular meeting held on April 6, 1983, and that public notice of said meeting was given pursuant to Act 267, Public Acts of Michigan, 1976, including in the case of a special or rescheduled meeting notice by publication or posting at least eighteen (18) hours prior to the time set for the meeting.


R. J. BRAINARD
Washington Township Clerk

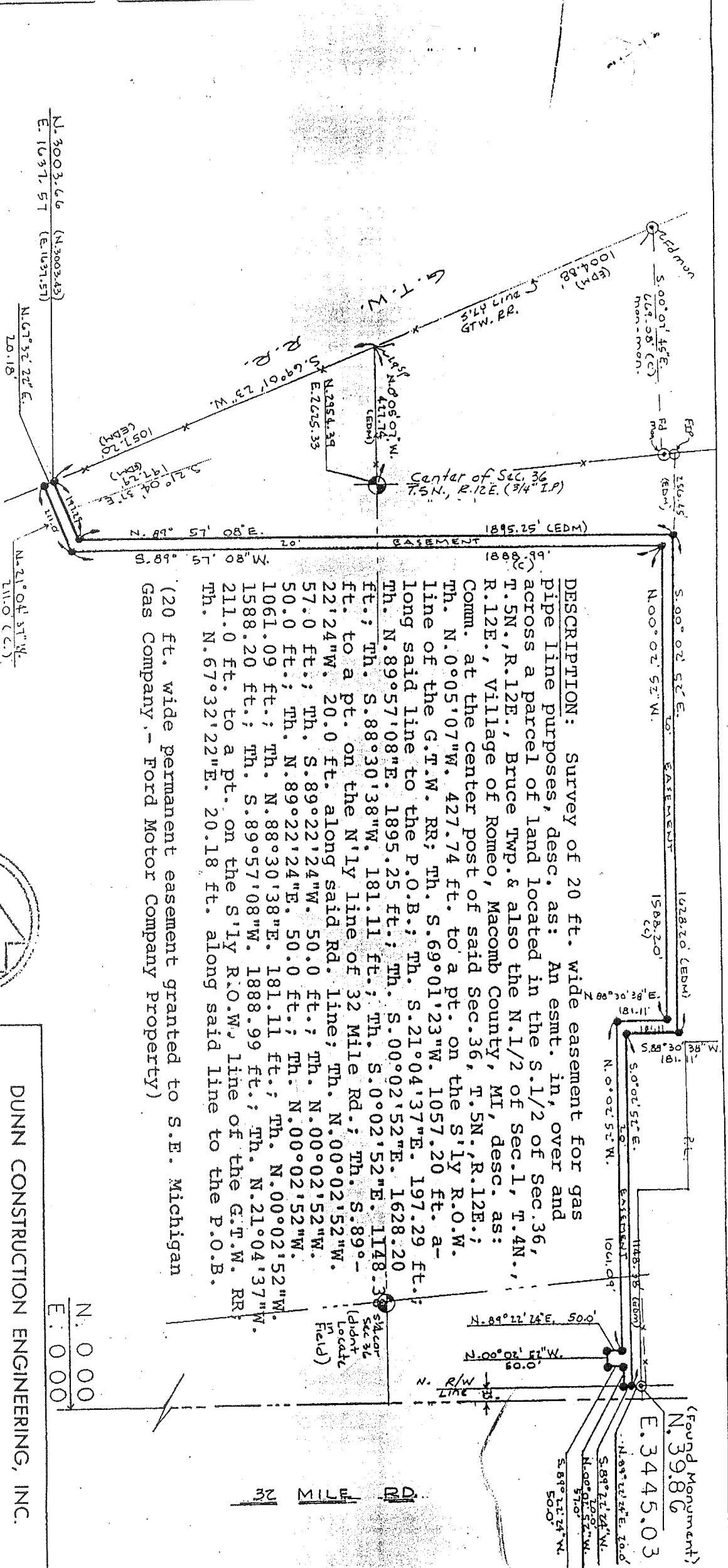


WHEN RECORDED RETURN TO:

WASHINGTON TOWNSHIP
155 South Rawles
P. O. Box 67
Romeo, Michigan 48065

DRAFTED BY:

GARY S. ANTHONY
ANTHONY AND HEARSCH
59 North Walnut-305 Vicant Bldg.
Mt. Clemens, Michigan 48043



DESCRIPTION: Survey of 20 ft. wide easement for gas pipe line purposes, desc. as: An esmt. in, over and across a parcel of land located in the S.1/2 of Sec. 36, T.5N., R.12E., Bruce Twp. & also the N.1/2 of Sec. 1, T.4N., R.12E., Village of Romeo, Macomb County, MI, desc. as: Comm. at the center post of said Sec. 36, T.5N., R.12E.; Th. N.0°05'07"W. 427.74 ft. to a pt. on the S'ly R.O.W. line of the G.T.W. RR; Th. S.69°01'23"W. 1057.20 ft.; long said line to the P.O.B.; Th. S.21°04'37"E. 197.29 ft.; Th. N.89°57'08"E. 1895.25 ft.; Th. S.00°02'52"E. 1628.20 ft.; Th. S.88°30'38"W. 181.11 ft.; Th. S.0°02'52"E. 1148.38 ft.; Th. S.88°30'38"W. 181.11 ft.; Th. S.89°-ft. to a pt. on the N'ly line of 32 Mile Rd.; Th. S.89°-22'24"W. 20.0 ft. along said Rd. line; Th. N.00°02'52"W. 57.0 ft.; Th. S.89°22'24"W. 50.0 ft.; Th. N.00°02'52"W. 50.0 ft.; Th. N.89°22'24"E. 50.0 ft.; Th. N.00°02'52"W. 1061.09 ft.; Th. N.88°30'38"E. 181.11 ft.; Th. N.00°02'52"W. 1588.20 ft.; Th. S.89°57'08"W. 1888.99 ft.; Th. N.21°04'37"W. 211.0 ft. to a pt. on the S'ly R.O.W. line of the G.T.W. RR; Th. N.67°32'22"E. 20.18 ft. along said line to the P.O.B.

(20 ft. wide permanent easement granted to S.E. Michigan Gas Company. - Ford Motor Company Property)

R. Kregger, a Registered Surveyor in the State of Michigan, HEREBY CERTIFY that the parcel of land described and delineated hereon, has been surveyed under my supervision, that said plat is a true representation of the survey as performed, and that there are no encroachments other than as shown hereon; that said survey was performed with an error of closure no greater than 1 in 5,000; and that I have fully complied with requirements of Section #3, Act #132, P.A. 1970.

(Ebm) indicates data obtained using Electronic equipment in field



SCALE
1" = 400'

ROBERT I. KREGGER, RLS #24601

DUNN CONSTRUCTION ENGINEERING, INC.

2240 TENTH ST., PORT HURON, MICHIGAN 48060

SURVEY OF GAS PIPELINE ESMTS

IN SEC. 36, T.5N., R.12E., BRUCE

TWP., MACOMB COUNTY, MICH.

JOB # 7937E. P.O. 53172

DR. BY [Signature] APP. BY [Signature] DATE 12-11-79 SH. 1 OF 1

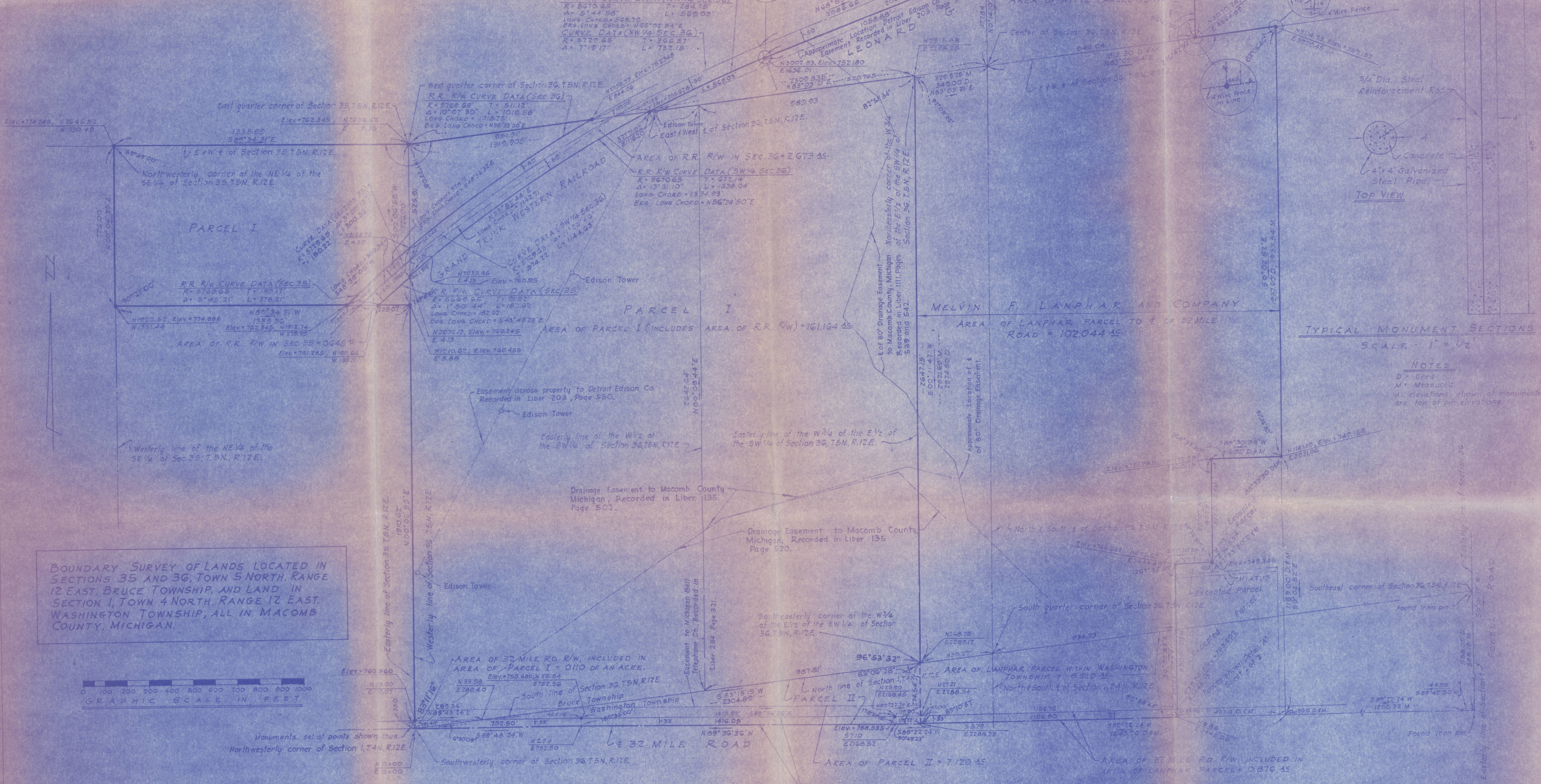
S.E.M.G.CO.

32 MIL RD

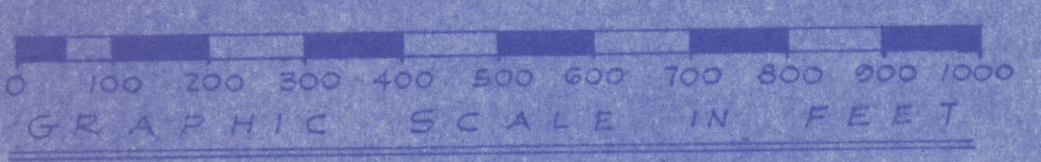
BRUCE-1

4929
4662

MAC 2/19



BOUNDARY SURVEY OF LANDS LOCATED IN SECTIONS 35 AND 36, TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, AND LAND IN SECTION 1, TOWN 4 NORTH, RANGE 12 EAST, WASHINGTON TOWNSHIP, ALL IN MACOMB COUNTY, MICHIGAN.



DATE	ISSUED TO
Sept. 1, 1966	Dearborn, Mich.
Sept. 30, 1966	Dearborn, Mich.
Oct. 5, 1966	Dearborn, Mich.
Oct. 19, 1966	Dearborn, Mich.
Oct. 20, 1966	Dearborn, Mich.
Nov. 7, 1966	Dearborn, Mich.
Nov. 28, 1966	Dearborn, Mich.
May 8, 1969	Dearborn, Mich.

Ford Motor Company
DEARBORN + MICHIGAN

CERTIFICATE
Toledo, Ohio April 18, 1969
WE HEREBY CERTIFY to all parties interested in title to premises surveyed that we surveyed the property described during November, 1966, and we further certify that the information herewith set forth is true and correct and that the property bears no encroachments, unless otherwise noted.
BY: Charles E. Wilson
CHARLES E. WILSON
REGISTERED SURVEYOR, No. 5238

PORTER W. McDONNELL & ASSOCIATES, INC.
CONSULTING ENGINEERS
200 COLTON BLDG.
TOLEDO OHIO